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11/27/87  
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D A I L Y

F I E L D

R E P O R T

DATE: January 27, 1987

TIME: 0730 a.m. to 1630 p.m.

PLACE: Cerro Copper  
Triangular Parcel

WEATHER: Snow, 20s

PROJECT: JOB 10224A  
CERRO COPPER  
IEPA RI/FS OVERSIGHT

DISTRIBUTION:  
S. Silverstein, Cerro (2 copies)  
JBC/LJO/ED 10224-1.3

PERSONNEL ON SITE:

| <u>Name</u>   | <u>Affiliation</u>          | <u>Hrs</u> |
|---------------|-----------------------------|------------|
| Dave Guyan    | Sverdrup                    | 3.5/3.0*   |
| Dan Sewall    | Ecology & Environment (E&E) | 3.5/3.0    |
| Tim Malay     | Ecology & Environment (E&E) | 3.5/3.0    |
| Ron Bock      | Ecology & Environment (E&E) | 3.5/3.0    |
| Jerry Hamman  | Fox Drilling                | 3.5/3.0    |
| Robbie Crachy | Fox Drilling                | 3.5/3.0    |
| Henry Coliman | Drillers Union Official     | 3.5/3.0    |

\*Triangular Parcel/Plant Site

1. D. Guyan arrived at E&E's metro field office at 0730. E&E crew and drillers were preparing for the days work. D. Sewall noted that E&E will complete the installation of Monitoring Well EE-106, make boring G5, and begin Monitoring Well I1/EE-12 (see Attachment A).
2. Drilling crew and T. Malay completed installation of Monitoring Well EE-106. This involved placement of sand backfill to 2' above screen, placement of 2' bentonite seal, and placement of dry grout to the surface.
3. D. Guyan observed R. Bock screen samples from previous days split-spoon samples with OVA and departed to observe field work at Well EE-106.
4. The drilling crew steam cleaned the augers, suited up in level C protective clothing, and at approximately 1000 began to auger and collect split-spoon samples at Boring Location G5.
5. The crew collected 2.5' split-spoon samples to a depth of 20'. H. Coliman deconned the sampler after each use with standard solution and rinse water.
6. The sampling was completed by 1045. The crew removed the auger from the bore hole and filled the hole with grout by means of a tremie pipe. Grouting was completed by 1130.

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7. T. Malay took samples collected at Boring Location G5 to R. Bock for screening with OVA. D. Guyan observed R. Bock composite the 0'-1.5' and 2.5'-4.0' sample for screening and take OVA readings.
8. The drilling crew broke for lunch at 1200 and steam cleaned the augers and other field equipment before resuming work.
9. D. Guyan observed R. Bock screen the rest of the samples. Work was completed by 1300.
10. E&E, drillers, and D. Guyan moved to Cerro Plant to begin Monitoring Well 11/EE-12. R. Bock remained at field office.
11. Workers suited up in level C protective clothing and began work. The initial 0'-1.5' sample was collected at 1345.
12. The crew augered and collected 2.5' split-spoon samples to a depth of 33'. H. Coliman deconned the sampler after each use with standard solution and rinse water. Sampling was completed by 1530.
13. The bore hole caved in so drillers pumped water down hole to blow it out. The operation was completed by 1600. The auger was left in the hole.
14. D. Sewall and D. Guyan went to S. Silverstein's office to see if drilling crew could enter site at 0700 instead of 0900. S. Silverstein noted that he would need to check with plant officials first and would let E&E know as soon as possible.
15. All personnel departed Cerro Plant at 1630.
16. D. Guyan took 30 pictures of the field and office work.

Attachments (1)

  
Sverdrup Corporation

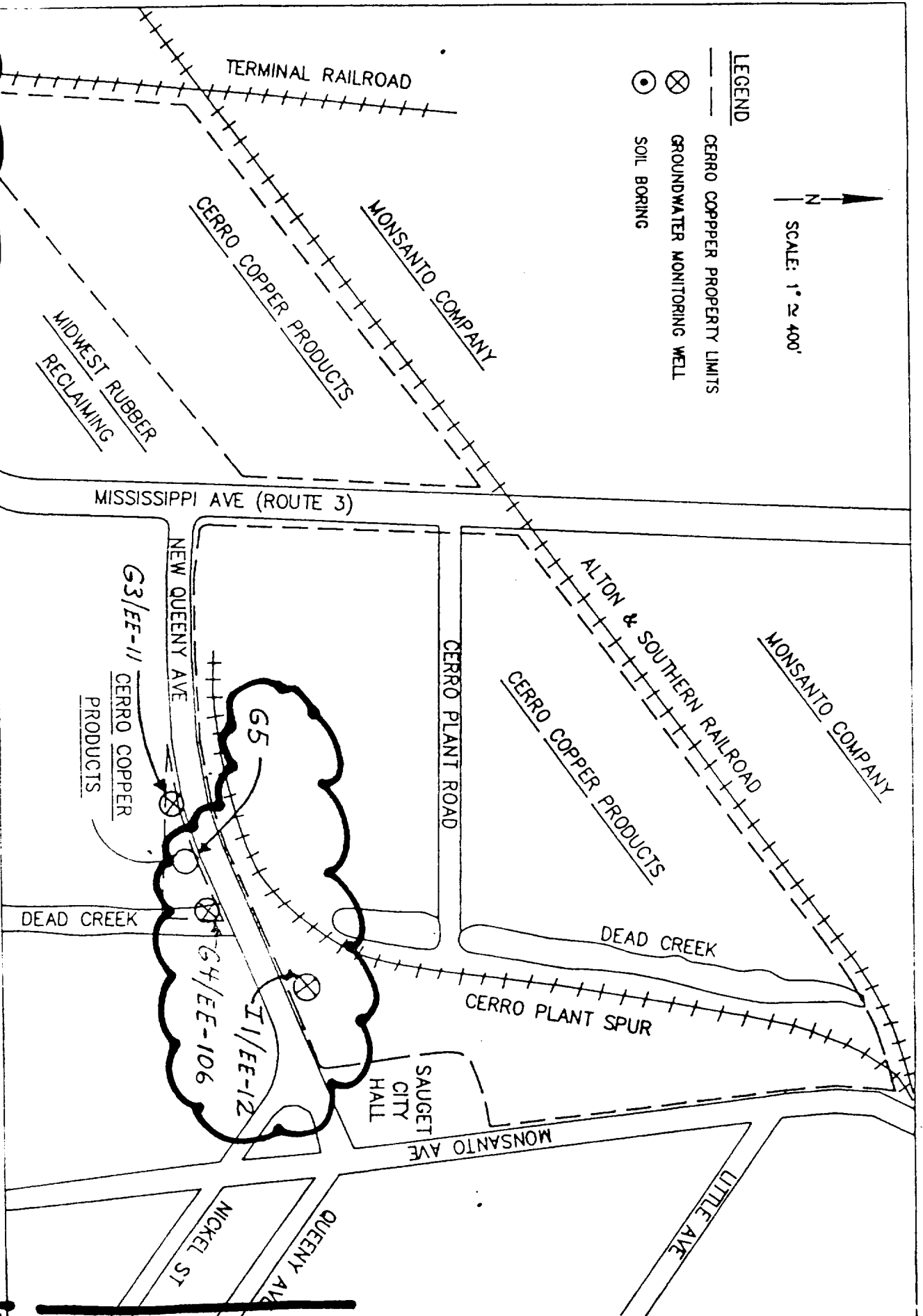
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SCALE: 1" = 400'

LEGEND

- CERRO COPPER PROPERTY LIMITS
- ⊗ GROUNDWATER MONITORING WELL
- ⊙ SOIL BORING

NOTE: NUMBERING LEGEND =  
BORING HOLE ID / WELL ID

SITE MAP AND E & E WORK AREAS



ATTACHMENT A